Abstract

A hydraulic operation controlling unit where the engine can be driven stably at a target output torque point and reduction in the work speed can be prevented at the time of light load, includes an engine control unit controlling the output of an engine, so that the output properties of the engine become equi-horsepower properties or approximately equi-horsepower properties in a predetermined engine speed range (N_2 to N_6) that includes engine speed N_3, which corresponds to a matching point M_3. A controlling unit increases or reduces the absorbing torque of a hydraulic pump in response to an increase or decrease in the engine speed, and thus, controls the absorbing torque of the hydraulic pump so as to make the output torque T_3 of the engine, which corresponds to matching point M_3, and the absorbing torque of the hydraulic pump coincide with each other.